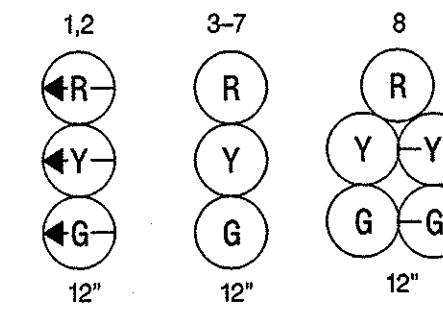


US 40 IS ASSUMED TO RUN  
IN A EAST-WEST DIRECTION

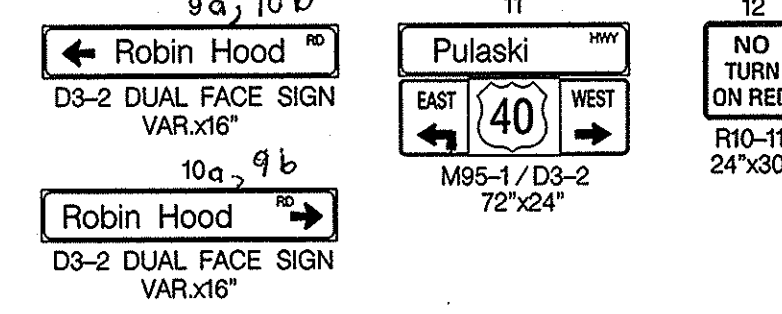
### GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
2. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCE AS SPECIFIED IN MD 818.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
3. FOR ADDITIONAL SIGNING AND PAVEMENT MARKING SEE PLAN SHEETS SN-1 AND SN-2.
4. INSTALL CONDUIT AND DETECTION PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
5. DISCONNECT THE EXISTING MICRO-LOOP PROBES FROM THE EXISTING CONTROLLER AND PULL BACK TO THIS POINT THEN REINSTALL THROUGH THE NEW CONDUIT TO THE NEW CONTROLLER.
6. THE PROPOSED INTERCONNECT TO THE TRAFFIC SIGNAL AT US 40 AND MD 132 MUST BE IN OPERATION PRIOR TO DISCONNECTING THE EXISTING INTERCONNECT.
7. NEW 12-PAIR VOICE GRADE INTERCONNECT CABLE SHALL BE INSTALLED BETWEEN THE PROPOSED CONTROLLER AT ROBINHOOD ROAD AND THE EXISTING CONTROLLER AT MD 132.

### PROPOSED SIGNALS



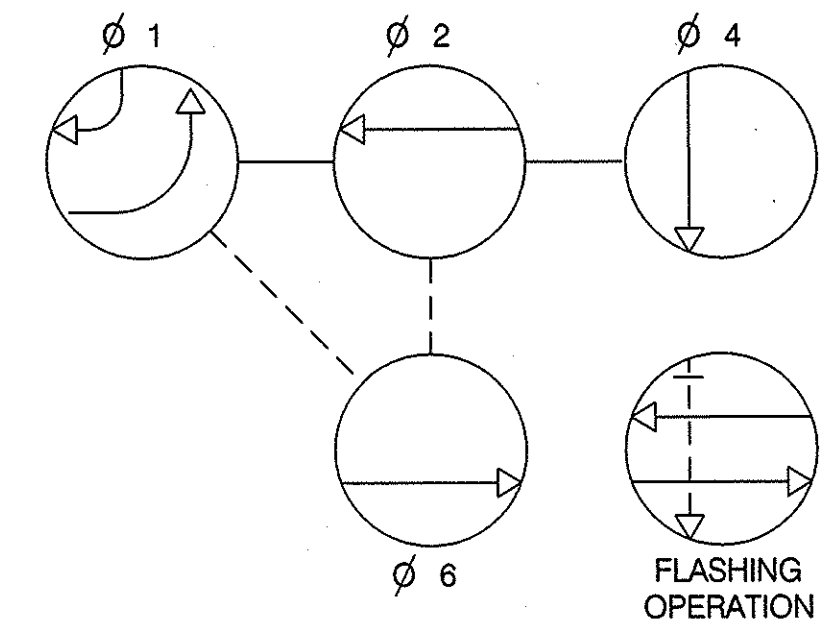
### PROPOSED SIGNS



### PROPOSED VIDEO DETECTION CAMERAS

AB  
I

### NEMA PHASING



### PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

INTERCONNECT TO MD 132  
APPROXIMATELY 170' BEYOND  
THIS POINT. SEE NOTE 6 & 7

US 40

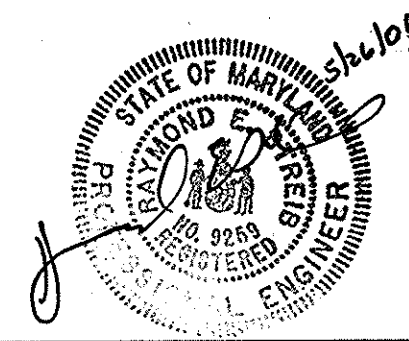
US 40

### CONSTRUCTION DETAILS

- A. INSTALL 27 FT. MAST ARM POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGN, AND VIDEO DETECTION CAMERA. (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS, (CUT MAST ARM POLE TO 21 FT. HEIGHT)
- B. INSTALL 27 FT. MAST ARM POLE WITH TWIN 50 FT./70 FT. MAST ARMS, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE. (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- C. INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ALL OTHER NECESSARY EQUIPMENT (NOTE: INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- D. INSTALL ELECTRICAL HANDHOLE
- E. INSTALL 3 IN. SCHEDULE 80 POLYVINYL ELECTRICAL CONDUIT - TRENCHED
- F. INSTALL 4 IN. SCHEDULE 80 POLYVINYL ELECTRICAL CONDUIT - BORED
- G. INSTALL 4 IN. SCHEDULE 80 POLYVINYL ELECTRICAL CONDUIT - TRENCHED
- H. USE EXISTING MICRO-LOOP PROBE
- I. VIDEO DETECTION ZONE
- J. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
- K. INSTALL METER SERVICE PEDESTAL
- L. REMOVE EXISTING SPAN WIRE AND SIGNAL HEADS
- M. REMOVE EXISTING STRAIN POLE AND ASSOCIATED EQUIPMENT
- N. USE EXISTING CONDUIT
- O. USE EXISTING HANDHOLE
- P. ABANDON EXISTING HANDHOLE
- Q. CAP AND ABANDON EXISTING CONDUIT
- R. PROPOSED UNDERGROUND ELECTRIC SERVICE
- S. USE EXISTING HANDHOLE (SEE NOTE 6)
- T. INSTALL 2 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT- TRENCHED

### LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV



**TRAFFIC CONCEPTS, INC.**  
325 Gambrills Road  
Suite E  
Gambrills, MD 21054  
(410) 923-7101  
FAX (410) 923-6473  
EMAIL TRAFFIC.CONCEPTS@COMCAST.NET

TEAM LEADER	ASST. DIV. CHIEF	DIVISION CHIEF	OFFICE DIRECTOR
-------------	------------------	----------------	-----------------

### REVISIONS

5-22-06	RECONSTRUCT SIGNAL
TMZ	AS BUILT
H	NOV 20 1979
D	CHANGE TO EXCLUSIVE LEFT TURN

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

### TRAFFIC SIGNAL PLAN US 40 AND ROBIN HOOD ROAD

SCALE 1" = 20'	DATE 7-2-74	CONTRACT NO.
DESIGNED BY HOWARD KILLIAN	COUNTY HARFORD	
DRAWN BY S. RENZI	LOGMILE 12040014.76	
CHECKED BY	T.I.M.S. NO. H. 613	
F.A.P. NO.	TOD NO.	
DRAWING NO. TS-1183 F	SHEET NO. 1	OF 3